

WENDOVER AIR FORCE BASE, POWER PLANT
(Electric Power Station Building)
(Building No. 207)
South of Interstate 80
Wendover
Tooele County
Utah

HABS NO. UT-125-C

HABS
UTAH
23-WEN,
2C-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Buildings Survey
National Park Service
Rocky Mountain Regional Office
Department of the Interior
P.O. Box 25287
Denver, Colorado 80225

HISTORIC AMERICAN BUILDINGS SURVEY

Wendover Air Force Base
Power Plant (also Electric Power
Station Bldg.)
(Building No. 207)
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Built in 1941, out of funds appropriated that spring, the power plant is located on the south side of the west end of B Street. It was built during that first year of base operations to provide electrical power for the entire base. Designated a "Utility Plant" of "Mobilization," "Semi-Permanent" type construction, the plant is significant for retaining its two original Fairbanks-Morse diesel generating plants, the generators are now considered obsolete. In the west section of the building are four, more recent Worthington alternating current generators.

To the original 43-foot-7-inch by 65-foot-10-inch building, erected from plan LA 469/27, were later added two wings, one 34 feet-6 inches by 53 feet-2 inches and the other 34 feet-6 inches by 42 feet-2 inches. Each of the three sections of the building was constructed by a different contractor (R. Vance and Worthington Pump and Machine Co., Geo. M. Carruth and Son, and Carruth Construction Co. and Strand Electric Co. respectively). The original structure plus its additions and partial basement (26 feet by 10 feet + 16 feet by 8 feet-6 inches) were all completed in 1941, however, resulting in a plant containing 6,470 square feet, built at a cost of \$52,499.90.

The Power Plant has concrete foundation walls and floor, wood-frame walls and a combination of corrugated metal and built-up roofing. The wall sheathing also varies from horizontal wood siding on the east section to corrugated metal siding on the west wing.

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Roughly L-shaped, the plant is distinguished by the two, tall metal exhaust stacks rising from a wood platform along the south wall of the east wing. Other architectural features include simply trimmed, gabled roofs and large, metal-framed windows with small panes of glass.

The interior equipment includes three compressors, six heat exchangers, six metered fuel tanks, two electric pumps, and overhead hoistway, plus a host of meters, water softeners, tanks, electric panels, and a restroom.

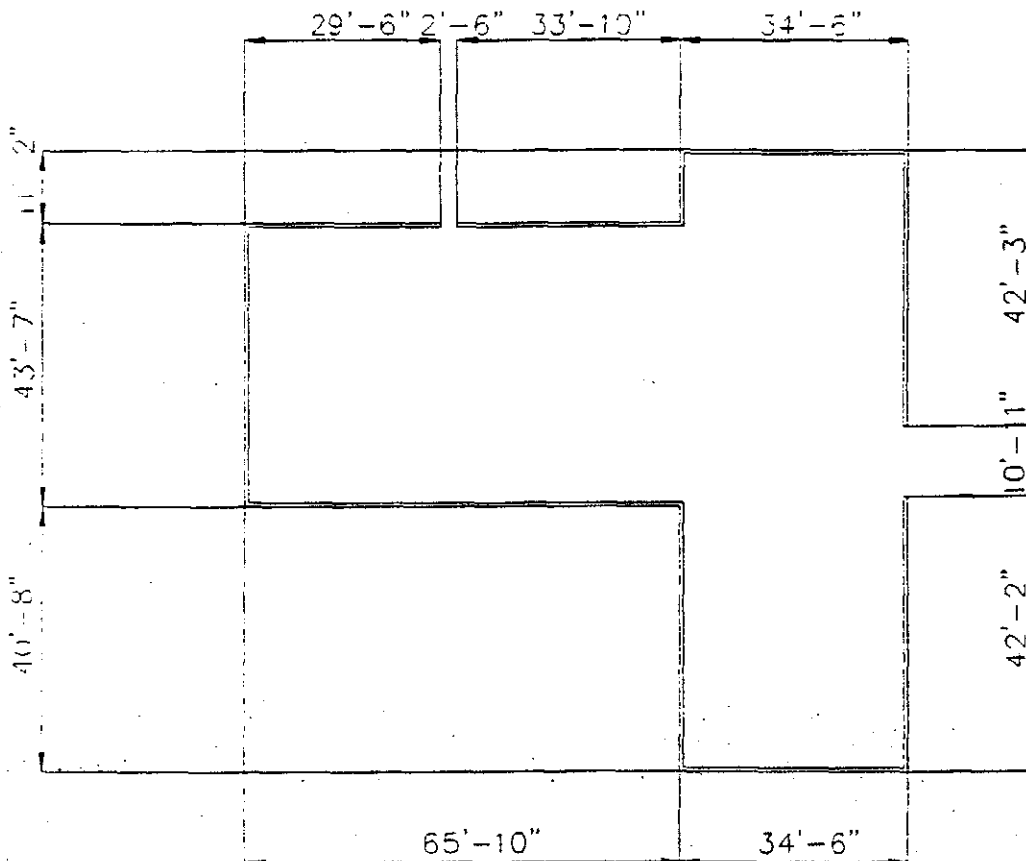
WENDOVER AIR FORCE BASE,

POWER PLANT (ELEC. POWER STATION)
BUILDING NAME Bldg.)


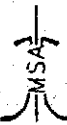
UT-125-C
HABS #

207
BUILDING#

3
PC#



NO SCALE

BUILDING SKETCH PLAN	WENDOVER AIR FORCE BASE WENDOVER, UTAH
AIP PROJECT NO. 3-49-0046-01	 BUSH AND GUDGEALL INC. 555 SOUTH 300 EAST SALT LAKE CITY, UTAH 84111 PHONE: (801) 364-1212
DATE: SEPT. 25, 1989	 MULLER, SIRHALL & ASSOCIATES, INC. AIRPORT CONSULTANTS AURORA, COLORADO